

15992 U.S. PTO  
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Signature: Rosemary M. Miano

Date 1/27/04

**Customer No. 23909**  
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**TRANSMITTAL FOR FILING A NEW UTILITY PATENT APPLICATION**

**Box: New Patent Application**  
Assistant Commissioner of Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Case Docket No. IR6457-00

Transmitted herewith for filing is the **UTILITY** patent application of:

Inventor(s): Heng Cai, Aixing Fan  
For (title): **DUAL PHASE STICK**

**Enclosed are:**

- ☒ Utility Patent Application consisting of 43 Total Pages, including 21 Total Claims, consisting of 35 pages of specification, 7 pages of claims, 1 page of abstract.
- ☒ Executed Declaration ☐ Non-Executed Declaration
- ☐ An assignment of the invention to the Colgate-Palmolive Company. A separate "Recordation Form Cover Sheet - PTO Form-1595" is also attached.
- ☐ An associate power of attorney
- ☐ **FORMAL drawings** No. of Sheets: Figures:
- ☐ **INFORMAL drawings** No. of Sheets: Figures:
- ☐ Information Disclosure Statement with Form 1449 and Copies of References

CALCULATIONS FOR PATENT APPLICATION FEE				Other Than a Small Entity	
FOR	CLAIMS		EXTRA NO.	RATE	FEE
Basic Fee					770.00
	Column 1 Total Claims	Column 2 Extra Claims			
Total Claims	21 - 20	= 1	0	X18	18.00
Independent Claims	1 - 3	= 0	0	X86	0
Multiple Dependent Claims Presented <b>yes</b>				+290	290.00
			<b>TOTAL FEES</b>		<b>\$1078.00</b>

- ☒ Please charge my deposit Account No. 03-2455, the amount of **\$1078.00**. A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to **Deposit Account No. 03-2455**. A duplicate copy of this sheet is enclosed.
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  - ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

Rosemary M. Miano  
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